

Adult *Schistosoma mansoni*, Strain NMRI, cDNA Library

Catalog No. NR-21958

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For research use only. Not for human use.

Contributor and Manufacturer:

Matty Knight, Principal Investigator, Biomedical Research Institute, Rockville, MD (NIH-NIAID Contract HHSN2722010000051)

Product Description:

NR-21958 contains a λ ZAP II cDNA library prepared from adult-stage *Schistosoma mansoni* (*S. mansoni*), strain NMRI. The cDNA was cloned unidirectionally into *Xho*I and *Eco*RI sites of the Uni-ZAP XR vector and packaged in the bacteriophage. The recommended bacterial host is XL1-Blue MRF'. The library was amplified prior to vialing.¹

For additional information regarding amplification of the cDNA library, excision of the phagemid as plasmid DNA and preparation of media and reagents, please refer to the [cDNA Synthesis Kit](#), [ZAP-cDNA Synthesis Kit](#) and [ZAP-cDNA Gigapack III Gold Cloning Kit Instruction Manual](#).

Material Provided:

Each vial contains approximately 2 mL of cDNA library supplied as bacteriophage lysate supplemented with 7% DMSO.

Packaging/Storage:

NR-21958 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -80°C or colder upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Adult *Schistosoma mansoni*, Strain NMRI, cDNA Library, NR-21958."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. [Biosafety in Microbiological and Biomedical Laboratories](#). 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see <http://www.cdc.gov/biosafety/publications/bmb15/index.htm>.

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References:

1. Dr. Matty Knight, personal communication

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